ELSEVIER

J. Biochem. Biophys. Methods 29 (1994) 331–333

JOURNAL OF
biochemical and
biophysical
methods

Author Index

Aguiari, G., see Passadore, M. (29) 307
Andreoni, A., Bottiroli, G., Colasanti, A., Giangarè, M.C., Riccio, P., Roberti, G. and Vaghi, P.
Fluorochromes with long-lived fluorescence as potential labels for pulsed laser immunocytofluorometry: photophysical characterization of pyrene derivatives (29) 157

Bailly, P., see Khamlichi, S. (29) 123
Barth, S., Goerlich, R. and Schnabl, H.
Selection and enrichment of differentially labeled plant protoplasts (29) 83
Bertrand, O., see Khamlichi, S. (29) 123
Bertrand, O., see Sdiqui, N. (29) 269
Bianchi, N., see Passadore, M. (29) 307
Blanchard, D., see Khamlichi, S. (29) 123
Blum, E., Horst, G. and Kröger, M.
PCR directed preparation and single step purification of highly active histidine-tagged restriction endonuclease *Hgi*BI (GGWCC) (29) 113
Boschetti, E., see Sdiqui, N. (29) 269
Bottiroli, G., see Andreoni, A. (29) 157
Bras, W., see Cunningham, B.A. (29) 87

Cameron, I.L., see Fullerton, G.D. (29) 217
Cartron, J.P., see Khamlichi, S. (29) 123
Chaires, J.B., see Falzon, L. (29) 251
Chang, R.-J., see Chang, Y.-S. (29) 321
Chang, Y.-S., Wu, C.-H., Chang, R.-J. and Shiuan, D.
Determination of biotin concentration by a competitive enzyme-linked immunosorbent assay (ELISA) method (29) 321
Cochet, S., see Sdiqui, N. (29) 269
Colasanti, A., see Andreoni, A. (29) 157
Cornélio, M.L. and Sanches, R.
The use of photoacoustic spectroscopy to determine the critical distance for electron transfer (29) 149
Crossley, C., see Janzen, E.G. (29) 189
Cserháti, T., see Wallerstein, S. (29) 49
Cunningham, B.A., Bras, W., Lis, L.J. and Quinn, P.J.
Synchrotron X-ray studies of lipids and membranes: a critique (29) 87

Dabrowiak, J.C., see Falzon, L. (29) 251
Delgado, C., Malik, F., Selisko, B., Fisher, D. and Francis, G.E.
Quantitative analysis of polyethylene glycol (PEG) in PEG-modified proteins/cytokines by aqueous two-phase systems (29) 237
Denoyel, R., see Hanson, M. (29) 283
De Pauw, M., see Dergunov, A.D. (29) 259
Dergunov, A.D., Vorotnikova, Y.Y., De Pauw, M. and Rosseneu, M.
Apolipoprotein E self-association in solution studied by non-radiative energy transfer (29) 259
Dixon, R., see Fujitaki, J.M. (29) 143

Endo, M., see Higuchi, T. (29) 135

Falzon, L., Kirk, C., Chaires, J.B. and Dabrowiak, J.C.
PCR generation of large amounts of purified DNA (29) 251
Feriotto, G., see Passadore, M. (29) 307
Fisher, D., see Delgado, C. (29) 237
Francis, G.E., see Delgado, C. (29) 237
Fujitaki, J.M., Sandoval, T.M., Lembach, L.A. and Dixon, R.
Spectrophotometric determination of acadesine (AICA-riboside) in plasma using a dia-

zotization coupling technique with *N*-(1-naphthyl)ethylenediamine (29) 143
Fullerton, G.D., Keener, C.R. and Cameron, I.L.
Correction for solute/solvent interaction extends accurate freezing point depression theory to high concentration range (29) 217

Gambari, R., see Passadore, M. (29) 307
García-Alvarez-Coque, M.C., see Martín-Biosca, Y. (29) 1
Giangarè, M.C., see Andreoni, A. (29) 157
Girot, P., see Sdiqui, N. (29) 269
Goerlich, R., see Barth, S. (29) 83
Greene, J.J. and Pearson, S.L.
Measurement of gene-specific transcription by nuclease protection of pulse-labeled nuclear RNA (29) 179

Hanson, M., Unger, K.K., Denoyel, R. and Rouquerol, J.
Interactions of lysozyme with hydrophilic and hydrophobic polymethacrylate stationary phases in reversed phase chromatography (RPC) (29) 283
Hebert, E., see Sdiqui, N. (29) 269
Heirwegh, K.P.M., Vermeir, M. and Zaman, Z.
Multiphasic modelling of ligand/acceptor interactions. The hydrophobicity-dependent binding of relatively small amphiphilic substances to acceptor proteins and the nature and facedness of acceptor sites (29) 23
Higuchi, T., Tamura, S., Takagaki, K., Nakamura, T., Morikawa, A., Tanaka, K., Tanaka, A., Saito, Y. and Endo, M.
A method for determination of galactosyltransferase I activity synthesizing the proteoglycan linkage region (29) 135
Horst, G., see Blum, E. (29) 113

Jaeger, J., Sorensen, K. and Wolff, S.P.
Peroxide accumulation in detergents (29) 77
Janzen, E.G., Poyer, J.L., West, M.S., Crossley, C. and McCay, P.B.
Study of reproducibility of spin trapping results in the use of C-phenyl-*N*-*tert*-butyl nitrone (PBN) for trichloromethyl radical detection in CCl_4 metabolism by rat liver microsomal dispersions. Biological spin trapping I (29) 189

Keener, C.R., see Fullerton, G.D. (29) 217
Khamlichi, S., Loirat, M.J., Blanchard, D., Le Maire, M., Bailly, P., Cartron, J.P. and Bertrand, O.
Influence of the size of the polar head of non-ionic detergents on membrane proteins immunoaffinity purification (29) 123
King, B.J., Lee, L.S., Rackemann, R.G. and Scott, P.T.
Preparation of extracts for electrophoresis from *citrus* leaves (29) 295
Kirk, C., see Falzon, L. (29) 251
Kirley, T.L., see Stout, J.G. (29) 61
Kröger, M., see Blum, E. (29) 113
Kroh, L., see Raabe, E. (29) 207
Kwok, F. and Lo, S.C.L.
Development of a continuous coupled enzymatic assay for myo-inositol monophosphatase (29) 173

Lee, L.S., see King, B.J. (29) 295
Le Maire, M., see Khamlichi, S. (29) 123
Lembach, L.A., see Fujitaki, J.M. (29) 143
Lis, L.J., see Cunningham, B.A. (29) 87
Lo, S.C.L., see Kwok, F. (29) 173
Loirat, M.J., see Khamlichi, S. (29) 123

Malik, F., see Delgado, C. (29) 237
Martín-Biosca, Y., García-Alvarez-Coque, M.C. and Ramis-Ramos, G.
Thermal lens spectrometry in biochemical analysis (29) 1
McCay, P.B., see Janzen, E.G. (29) 189
Mischiati, C., see Passadore, M. (29) 307
Monsigny, M., see Sdiqui, N. (29) 269
Morikawa, A., see Higuchi, T. (29) 135

Nakamura, T., see Higuchi, T. (29) 135

Passadore, M., Feriotto, G., Bianchi, N., Aguiari, G., Mischiati, C., Piva, R. and Gambari, R.
Polymerase-chain reaction as a tool for investigations on sequence-selectivity of DNA–drugs interactions (29) 307
Pearson, S.L., see Greene, J.J. (29) 179
Piva, R., see Passadore, M. (29) 307
Poyer, J.L., see Janzen, E.G. (29) 189

Quinn, P.J., see Cunningham, B.A. (29) 87

Raabe, E., Kroh, L. and Vogel, J.
Glucoseoxidase from *Aspergillus niger* in reverse micelles: pH and w_o dependence (29) 207
Rackemann, R.G., see King, B.J. (29) 295
Ramis-Ramos, G., see Martín-Biosca, Y. (29) 1
Riccio, P., see Andreoni, A. (29) 157
Roberti, G., see Andreoni, A. (29) 157

Roche, A.-C., see Sdiqui, N. (29) 269
Rosseneu, M., see Dergunov, A.D. (29) 259
Rouquerol, J., see Hanson, M. (29) 283

Saito, Y., see Higuchi, T. (29) 135
Sanches, R., see Cornélio, M.L. (29) 149
Sandoval, T.M., see Fujitaki, J.M. (29) 143
Santambien, P., see Sdiqui, N. (29) 269
Schnabl, H., see Barth, S. (29) 83
Scott, P.T., see King, B.J. (29) 295
Sdiqui, N., Santambien, P., Roche, A.-C., Hebert, E., Girot, P., Cochet, S., Boschetti, E., Monsigny, M. and Bertrand, O.
Toxicity studies on native Procion Red HE-3B and released dye from affinity material exposed to degradative chemical conditions (29) 269
Selisko, B., see Delgado, C. (29) 237
Shiuan, D., see Chang, Y.-S. (29) 321
Sorensen, K., see Jaeger, J. (29) 77
Stout, J.G. and Kirley, T.L.
Purification and characterization of the ecto-Mg-ATPase of chicken gizzard smooth muscle (29) 61

Takagaki, K., see Higuchi, T. (29) 135
Tamura, S., see Higuchi, T. (29) 135
Tanaka, A., see Higuchi, T. (29) 135
Tanaka, K., see Higuchi, T. (29) 135

Unger, K.K., see Hanson, M. (29) 283

Vaghi, P., see Andreoni, A. (29) 157
Vermeir, M., see Heirwegh, K.P.M. (29) 23
Vogel, J., see Raabe, E. (29) 207
Vorotnikova, Y.Y., see Dergunov, A.D. (29) 259

Wallerstein, S. and Cserháti, T.
Interaction of some anti-hypoxia drugs with hydroxypropyl-β-cyclodextrin studied by means of charge transfer chromatography (29) 49
West, M.S., see Janzen, E.G. (29) 189
Wolff, S.P., see Jaeger, J. (29) 77
Wu, C.-H., see Chang, Y.-S. (29) 321

Zaman, Z., see Heirwegh, K.P.M. (29) 23

ELSEVIER

J. Biochem. Biophys. Methods 29 (1994) 335–336

JOURNAL OF
biochemical and
biophysical
methods

Subject Index

Acadesine assay, (29) 143
Acceptor, (29) 23
Activity coefficient, (29) 217
Adhesion molecule, (29) 61
Affinity chromatography, (29) 269
Anti-hypoxia drug, (29) 49
Apolipoprotein E, (29) 259
Aqueous solution, (29) 217
Aqueous two-phase system, (29) 237

Binding site, (29) 23
Biochemical application, (29) 1
Biotin, (29) 321

Cadherin, (29) 61
CCl_4 metabolism, (29) 189, (29) 189
Charge transfer chromatography, (29) 49
Chromomycin, (29) 307
Citrus, (29) 295
Competitive ELISA, (29) 321
Concanavalin A, (29) 61
Continuous coupled enzymatic assay, (29) 173
Coronary artery bypass graft, (29) 143
C-phenyl-*N*-*tert*-butyl nitrone, (29) 189
Cytochrome P_{450}, (29) 23
Cytokine, (29) 237

Data analysis, (29) 23
Daunomycin, (29) 307
Dependence on hydrophobicity, (29) 23
Detergent, (29) 77
Distamycin, (29) 307
DNA-binding drug, (29) 307
DNA melting, (29) 251
Drug binding, (29) 251
Dye leakage, (29) 269

Ecto-ATPase, (29) 61
Electron paramagnetic resonance, (29) 189
Electron transfer, (29) 149
Enzyme activity, (29) 207
EPR, (29) 189
Extraction buffer, (29) 295

Fluorescence, (29) 149
Freezing point depression, (29) 217
Frontal analysis, (29) 283

Galactosyltransferase I, (29) 135
Glucose determination, (29) 207
Glucose oxidase, (29) 207
Glycophorin C, (29) 123

Helianthus annuus, (29) 83
Hexahistidine fusion protein, (29) 113
High-performance liquid chromatography, (29) 135
Hydrogen peroxide, (29) 77
Hydroxypropyl-β-cyclodextrin, (29) 49

Immunocytofluorometry, (29) 157
Immunolabeling, (29) 83
Immuno-purification, (29) 123
Inverse PCR, (29) 113
Isozyme, (29) 295

Kell protein, (29) 123

Laser, (29) 157
Laser spectroscopy, (29) 1
Ligand binding, (29) 23
Lipid dispersion, (29) 87
Lysozyme, (29) 283

MACS, (29) 83
Membrane protein, (29) 123
Membrane system, (29) 23

Membrane tagging, (29) 83
Metal chelate affinity chromatography, (29) 113
Microcalorimetry, (29) 283
Mithramycin, (29) 307
Modelling, (29) 23
Multiphasic, (29) 23
Myo-inositol monophosphatase, (29) 173

Nonideality, (29) 217
Non-ionic detergent, (29) 123
Non-radiative energy transfer, (29) 259
N-(1-pyrene)maleimide, (29) 157
Nuclear RNA, (29) 179

PAGE, (29) 295
Partitioning, (29) 237
PBN, (29) 189
PCR, (29) 251
Perrin model, (29) 149
Phase transition, (29) 87
Phenolase inhibition, (29) 295
Photoacoustic, (29) 149
Poly(ethylene glycol)-modification, (29) 237
Polymerase chain reaction, (29) 307
Polymethacrylate stationary phase, (29) 283
Procion Red HE-3B, (29) 269
Protein modification, (29) 113
Protein-protein interaction, (29) 259
Protein purification, (29) 113
Protein unfolding, (29) 283
Proteoglycan linkage region, (29) 135
Protoplast, (29) 83

Pulse-labeling, (29) 179
Purification, (29) 61
Pyrene derivative, (29) 157
1-pyreneisothiocyanate, (29) 157
1-pyrenesulfonyl chloride, (29) 157

Receptor analysis, (29) 23
Restriction endonclease, (29) 113
Reversed phase chromatography, (29) 283
Reverse micelle, (29) 207

Smooth muscle, (29) 61
Solution theory, (29) 217
Solvent structuring, (29) 217
Specificity, (29) 251
Spin adduct, (29) 189
Spin trapping, (29) 189
Streptavidin–HRP, (29) 321
Synchrotron X-radiation, (29) 87

Thermal lens spectrometry, (29) 1
Time-resolved fluorescence, (29) 157
Toxicity, (29) 269
Transcription rate, (29) 179
Transition kinetics, (29) 87
Trichloromethyl radical, (29) 189
Tricholoromethyl spin adduct of PBN, (29) 189
Triton, (29) 77
Tween, (29) 77

X-ray diffraction, (29) 87
Xylosyl-4-methylumbelliferone, (29) 135